

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

Released: August 13, 2007
For Week Ending: August 12, 2007
ND-CW3307

General: Small grain harvest was slowed by midweek thunderstorms, but the moisture was beneficial to all other crops and pastures, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Variable amounts of precipitation fell across the state. Near normal temperatures were beneficial for small grain harvest and development of all other crops. Producers remained concerned about problems with various insects across the state. There were reports of scattered hail damage in the central and southwest districts. Topsoil moisture supplies were rated 58 percent adequate to surplus. This compares with last year and the five-year (2002-2006) average of 20 and 49 percent adequate to surplus, respectively. Subsoil moisture supplies were rated 61 percent adequate to surplus, down from 62 percent adequate to surplus the previous week. Statewide, on average, there were 4.9 days suitable for fieldwork.

Crops: The small grain harvest made excellent progress last week, despite widespread precipitation. As of August 12, spring wheat was 43 percent harvested, compared with 65 percent last year and 31 percent on average. Durum wheat was 25 percent harvested compared with 29 percent last year and 13 percent on average. Barley and oats were over 50 percent harvested, at 70 and 52 percent completed, respectively. Small grain crop conditions maintained a mostly good rating.

Excellent developmental progress continued for all other crops due to the replenishing rainfall. Corn progress in the dough stage doubled from the previous week to 60 percent complete to more than a week ahead of the average pace. Soybeans had 39 percent of their acreage in the fully podded and beyond stage compared with 70 percent last year and the average of 38 percent. Dry edible beans were 40 percent fully podded, behind last year's 76 percent but moved ahead of the average pace. The dry edible pea harvest was nearly complete at 89 percent, advancing 19 percentage points from the previous week. The sunflower crop was 88 percent blooming and beyond, behind last year's 94 percent but ahead of the average of 80 percent. Precipitation received helped replenish stressed crops, which were rated mostly good.

Livestock: Haying progress was slowed by the precipitation and humidity during the week. Other hay baling was 93 percent complete while, the second cutting of alfalfa was 90 percent complete, both ahead of average. Hay condition was rated 1 percent very poor, 4 poor, 23 fair, 60 good and 12 excellent which deteriorated slightly from the previous week. Pasture and range conditions were rated 2 percent very poor, 12 poor, 32 fair, 48 good and 6 excellent, compared with the average of 17 percent very poor, 23 poor, 30 fair, 27 good and 3 excellent. Stockwater supplies were at 81 percent adequate to surplus, well above last year's 37 percent.

Crop and Pasture Condition North Dakota, Week Ending August 12, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Durum Wheat	0	2	19	67	12
Spring Wheat	1	3	14	67	15
Oats	0	2	15	76	7
Canola	0	4	18	66	12
Corn	2	4	19	62	13
Dry Edible Beans	2	7	23	54	14
Flaxseed	0	1	18	76	5
Potatoes	3	6	12	53	26
Soybeans	2	2	16	64	16
Sugarbeets	2	7	14	50	27
Sunflower	1	2	15	68	14
Hay	1	4	23	60	12
Pasture and Range	2	12	32	48	6

Crop Development Progress North Dakota, Week Ending August 12, 2007 ^{1/2/}

Crop	Week Ending			2002-2006 Avg
	Aug 12, 2007	Aug 5, 2007	Aug 12, 2006	
	Percent	Percent	Percent	Percent
BARLEY				
Harvested	70	48	71	42
DURUM WHEAT				
Milk	92	88	99	92
Turning	81	72	91	66
Harvested	25	11	29	13
SPRING WHEAT				
Turning	97	89	99	90
Harvested	43	23	65	31
OATS				
Turning	99	96	100	95
Harvested	52	30	77	42
CANOLA				
Turning	90	74	92	85
Swathed	72	46	64	51
Harvested	17	9	18	10
CORN				
Silking	99	94	100	95
Dough	60	30	55	37
Dented	4	1	12	4
DRY EDIBLE BEANS				
Blooming	98	92	100	98
Setting Pods	92	69	99	84
Fully Podded	40	15	76	38
Lower Leaves Yellowing	8	2	37	12
DRY EDIBLE PEAS				
Harvested	89	70	85	NA
FLAXSEED				
Turning	74	59	88	73
Harvested	4	1	9	4
POTATOES				
Rows Filled	97	87	100	97
Vines Killed	2	0	18	9
SOYBEANS				
Setting Pods	98	88	100	92
Fully Podded	39	19	70	38
Lower Leaves Yellowing	1	0	10	4
SUNFLOWERS				
Blooming	88	65	94	80
Ray Flowers Dried/Dropped	6	0	24	8

^{1/} Crop development percents represent all acreage in or beyond each stage.
^{2/} Progress is based on current intended acreage. NA = Not Available

Crops Harvested: Percent Completed, by District North Dakota, Week Ending August 12, 2007

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
	--- Percent ---								
Barley	62	66	57	77	84	97	87	82	75
Durum Wheat	10	1	6	43	38	NA	62	38	NA
Spring Wheat	20	21	24	49	53	57	73	56	63
Oats	27	15	30	75	54	62	81	55	76
Canola	18	7	1	76	15	NA	79	48	NA
Dry Edible Peas	94	76	63	99	80	97	92	94	76

NA = Not Available.

~ Compiled and Published by ~

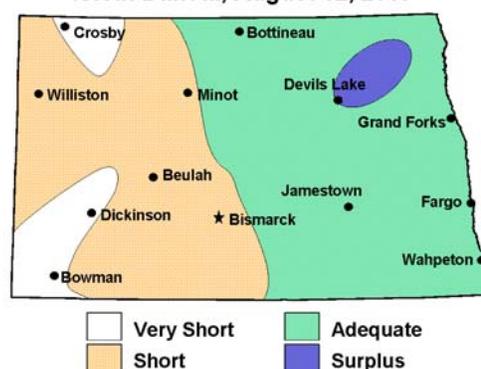
OFFICIAL BUSINESS
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies
 North Dakota, Week Ending August 12, 2007**

Date	Week Ending			2002-2006 Avg
	August 12, 2007	August 5, 2007	August 12, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	9	12	44	19
Short	33	37	36	32
Adequate	54	48	20	46
Surplus	4	3	0	3
Subsoil				
Very Short	6	6	39	18
Short	33	32	43	31
Adequate	59	60	18	48
Surplus	2	2	0	3

**Topsoil Moisture Supplies
 North Dakota, August 12, 2007**



Weather: This was a near average week in the temperature department. On Monday, a system of storms moved throughout the state and highs were in the mid-70s to mid-80s. On Tuesday, strong storms moved through the western half of the state as highs climbed into the 80s to 90s. With Tuesday's storms, there were two hail reports and three wind reports occurring in the southwest part of the state. On Wednesday, scattered storms continued to move through the state as highs cooled back down to the 70s to 80s. Thursday was dry as highs climbed back into the 80s and 90s. Friday highs were in the 80s to 90s as strong storms occurred before the cold front moved through the state. With Friday's storms, there were numerous hail reports especially in the central, the northwest and northeast parts of the state. There were six wind reports and two tornadoes in Nelson and Williams Counties. Saturday and Sunday stayed dry as highs cooled into the 70s to 80s.

Outlook, August 13-19: This week will start off with storms as the rest of the week appears to be much calmer. Monday highs will be in the 80s to 90s as storms move through the eastern half of the state as a system exits the area. Tuesday dries out as highs fall into the 70s to 80s with the eastern part of the state seeing cooler temperatures. Wednesday and Thursday will also stay dry as highs continue to stay in the 70s to 80s. On Friday, the threat of precipitation returns in the form of scattered storms throughout the state as highs stay in the 70s to 80s. The threat of precipitation also continues on Saturday with scattered storms as highs stay in the 70s to 80s. Sunday looks to be calm and dry as highs will be in the 70s to 80s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending August 12, 2007**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	67	0	0.32	10.04	0.22
N. Central(2)	65	-1	0.58	13.40	2.70
Northeast (3)	67	-2	0.60	17.23	6.65
W. Central(4)	70	0	1.41	9.80	-0.22
Central (5)	67	-2	1.15	14.29	3.78
E. Central(6)	69	0	0.31	13.64	1.97
Southwest(7)	74	3	0.62	10.44	0.77
S. Central(8)	70	0	2.31	13.76	3.41
Southeast(9)	70	0	0.93	16.09	4.49

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending August 12, 2007**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	93	39	0.48	10.30	0.08
Williston	98	48	0.36	9.06	0.79
Mohall	91	38	0.32	9.99	-0.21
Minot	93	43	0.13	10.82	0.22
(2) Baker	88	47	0.92	16.69	6.22
Bottineau	92	36	0.26	11.12	0.27
Rugby	89	43	0.57	12.40	1.60
(3) Cando	87	43	0.48	16.72	6.74
Cavalier	88	47	0.38	19.06	8.11
Forest River	88	49	1.26	16.55	6.02
Grand Forks	87	48	0.41	12.33	1.93
Langdon	86	45	0.54	15.29	4.22
St. Thomas	87	50	0.54	23.40	12.87
(4) Hazen	95	46	2.03	10.24	-0.01
Turtle Lake	92	46	1.97	11.65	1.12
Watford City	98	48	0.24	7.51	-1.78
(5) Carrington	88	45	1.39	14.73	2.80
Harvey	89	43	1.03	12.72	3.91
Jamestown	89	49	0.74	16.10	5.17
Robinson	88	46	0.85	12.00	1.56
Streeter	90	46	1.75	15.88	5.48
(6) Dazey	89	47	0.14	13.78	2.03
Fargo	92	52	0.62	14.04	2.59
Hillsboro	89	50	0.16	13.11	1.28
(7) Beach	96	50	0.19	9.73	0.57
Bowman	96	54	0.35	11.14	1.65
Dickinson	95	52	0.97	7.88	-2.26
Hettinger	98	53	0.97	13.02	3.12
(8) Mandan	90	51	3.07	16.04	5.36
Linton	92	50	1.56	11.49	1.45
(9) Edgeley	89	51	0.94	12.31	1.16
Oakes	89	52	1.50	18.88	7.79
Wyndmere	91	53	0.36	17.08	4.52

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.